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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/937,874	01/07/2002	Wahid Adli	112740-336	8822
29177	7590	12/15/2005	EXAMINER	
BELL, BOYD & LLOYD, LLC P. O. BOX 1135 CHICAGO, IL 60690-1135			AL AUBAIDI, RASHA S	
			ART UNIT	PAPER NUMBER
			2642	

DATE MAILED: 12/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/937,874

Applicant(s)

ADLI, WAHID

Examiner

Rasha S. AL-Aubaidi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 10-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on September 21, 2005 has been entered. Claim 18 has been amended. No further claims have been canceled. No claims have been added. Claims 10-18 are still pending in this application, with claims 10 and 14 being independent.

### ***Claim Rejections - 35 USC § 103***

2. Claims 10-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gawrys et al (US PAT # 5,008,930) in view of Diesel et al (US PAT # 4,723,273).

Regarding claim 14, Gawrys teaches a telecommunication network (reads on system 10, see Fig. 1), comprising: an operator service having a plurality of subscribers who are members (the subscribers read on agents terminals 14<sub>1</sub> to 14<sub>N</sub>, see col. 4, lines 4-5 and Fig. 1); and a switching center (reads on PBX 13, see Fig. 1 and col. 3, lines 65-68) to which the plurality of subscribers are connected, the switching center having at least a coordination processor (reads on Multifunction Communication controller MCC 17 and host application database computer system 18, see Fig. 1 and col. 4, lines 4-26) and a peripheral line groups (this reads on interface card 30 located within each of the terminal 14-1 to 14-N for example. See Fig. 2) with respective group processors (read on processors 35 and 36, see col. 6, lines 5-28 and Fig. 2), wherein a list is set up in the coordination processor (this basically reads for example on host application database computer system 18, see col. 4, lines 27-33); and the switching center (PBX

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13) is set up for receiving a request (see col. 10, lines 36-38) of a calling operator (first agent terminal 14<sub>1</sub>), which contains at least a first data record (see col. 9, lines 32 to col. 10, lines 53). The claimed feature of "establishing a data connection" reads on transferring the call set information to the second agent terminal 14<sub>2</sub> (see col. 10, lines 16-30).

Gawrys does not specifically teach determining an identification of an operator service and position information of the operators. Also, Gawrys does not specifically teach the switching center is set up for receiving a request of a calling operator, which contains an identification of a called party.

However, Diesel teaches that a user at station 1030 as shown in Fig. 1 enters via keypad a directory number assigned to line 1041 in order to forward a call (see col. 5, lines 1-39 and Fig. 1). The claimed limitation of "position information of the operators" is already taught in Diesel. It basically reads on dialing the called party extension such as 1041.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the feature of dialling the called party number (that is, to specify to whom the call should be forwarded), as taught by Diesel, into the Gawrys system in order to give the calling party the option of forwarding the call to a particular user among a group of users. Furthermore, in a PBX such as PBX 13 in

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Gawrys, the feature of identifying an operator (called destination) by dialing an extension number is notoriously well known in the art.

Claim 10 is rejected for the same reasons as discussed above with respect to claim 14. The claimed feature of “at least a call channel and a data channel being available for connections via a switching center” reads on ISDN B channel and D channel (see col. 4, lines 19-26 in Gawrys).

Regarding claims 11 and 15, the claimed limitation of “the position information contains an indication of a ‘concentrator’<sup>1</sup>, of the port and of the line group” basically reads on digital subscriber lines 1031, 1041, and 1051 that is associated with each user terminal 1030, 1040, and 1050 (see col. 3, lines 43-47 and Fig. 1 in Diesel).

Regarding claims 12 and 16, the claimed limitation of “report interfaces are provided for data traffic between peripheral line groups” simply reads on the Interface transformer 31 (see col. 5, lines 52-66, col. 6, lines 20-28 and Fig. 2 in Gawrys).

Regarding claims 13 and 17, Gawrys teaches the data to be transmitted includes at least one of a part of screen information (see Fig. 4), which can be output on a screen, and a part of a spoken enquiry.

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<sup>1</sup> Note that applicant’s specification refers to a Digital Line Unit (DLU) as a “concentrator”.

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Regarding claim 18, Gawrys teaches the network is an ISDN network, the data channel is a D channel and the call channels are B channels (see col. 4, lines 16-26).

***Response to Arguments***

3. Applicant's arguments filed 09/21/2005 have been fully considered but they are not persuasive.

Applicant argues the cited prior art, alone or in combination, fails to teach "establishing a data connection via a data interface by the group processor of the calling operator...". Examiner respectfully disagrees with applicant's argument. As explained in the above office action in Gawrys the claimed feature "establishing a data connection" actually is the same as transferring the call set information to the second agent terminal 14<sub>2</sub> (see col. 10, lines 16-30). Thus, Gawrys alone does teach the claimed "establishing a data connection" as recited in claim 10.

Applicant also argues that "Gawrys does not switch subscriber-specific information items from a first agent terminal to a second agent terminal through a data connection...". It is noted that the "switch subscriber-specific information items from a first agent terminal to a second agent terminal" is not recited anywhere in claim 10. Thus, it appears that applicant is reading into the claim language.

Examiner believes that other applicant's arguments are already addressed in the above rejection.

***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

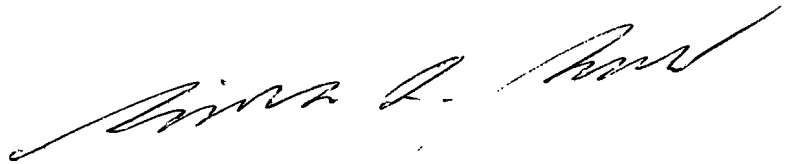
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (571) 272-7481. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F. Matar, can be reached on (571) 272-7488.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Examiner**  
**Rasha S. Al-Aubaidi**  
**Art Unit 2642**  
**12/12/2005**



**BING Q. BUI**  
**PRIMARY EXAMINER**